

Message Text

UNCLASSIFIED

PAGE 01 OTTAWA 06628 01 OF 02 212329Z

ACTION EB-07

INFO OCT-01 EUR-12 ISO-00 FEA-01 ERDA-07 AID-05 CEA-01

CIAE-00 COME-00 EPG-02 DODE-00 FPC-01 H-02 INR-07

INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-05 USIA-15

OES-07 SP-02 SS-15 STR-04 TRSE-00 ACDA-10 PA-02

PRS-01 /121 W

-----026391 212337Z /63

R 212316Z JUL 77

FM AMEMBASSY OTTAWA

TO SECSTATE WASHDC 4208

IN O RUEHMT/AMCONSUL MONTREAL 2170

ALL CONSULATES IN CANADA BY POUCH

UNCLAS SECTION 01 OF 02 OTTAWA 06628

PASS ERDA FOR SIEVERING

E.O. 11652: N/A

TAGS: ENRG, EMIN, TGEN, CA

SUBJECT: ENERGY: GOC ANNOUNCES SIGNIFICANT INCREASE IN
URANIUM RESOURCE ESTIMATES

1. SUMMARY. ENERGY MINES AND RESOURCES (EMR) MINISTER
ALASTAIR GILLESPIE ANNOUNCED JULY 14 THAT REVISED ESTIMATES
SHOW 14 PERCENT INCREASE IN CANADA'S URANIUM RESOURCES.
MAJOR FINDINGS OF REPORT BY EMR URANIUM RESOURCE APPRAISAL
GROUP "1976 ASSESSMENT OF CANADA'S URANIUM SUPPLY AND
DEMAND," ARE OUTLINED BELOW.53END SUMMARY.

2. EMR REPORT ESTIMATES URANIUM RECOVERABLE BY TODAY'S
TECHNOLOGY AT 489,000 TONNES URANIUM, AN INCREASE OF 14.3
GURCENT FROM LAST YEAR'S ASSESSMENT AFTER ALLOWING FOR
1976 PRODUCTION O 850 TONNES. 1976 ASSESSMENT, SHOWN
IN FOLLOWING TABLE, INCLUDES URANIUM RECOVERABLE UNDER
TWO PRICE CATEGORIES, UP TO \$40 PER POUND (\$104/KGU)
AND UP TO \$60 PER POUND OF URANIUM OXIDE:

TONNES U (FIGURES IN BRACKETS ARE IN

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 OTTAWA 06628 01 OF 02 212329Z

SHORT TONS U3O8)

MINEABLE	MEASURED
UP TO \$40/LB U3O8	79 000 (103 000)
\$40 TO \$60/LB U3O8	4 000 (5 000)

TOTAL 83 000 (108 000)

UNCLASSIFIED

MINEABLE	INDICATED	INFERRED
UP TO \$40/LB U308	88 000 (115 000)	138 000 (309 000)
\$40 TO \$60/LB U308	11 000 (14 000)	69 000 (90 000)

TOTAL	99 000 (129 000)	307 000 (399 000)
-------	------------------	-------------------

\$40 PRICE CATEGORY USED IN 1976 ASSESSMENT WAS BASED ON ESTIMATED WORLD MARKET PRICE IN SEPTEMBER 1976, WHEN COMPILATION OF DATA FOR REPORT BEGAN. HIGHER PRICE CATEGORY WAS SET AT 1.5 TIMES 1976 WORLD MARKET PRICE.

3. TWENTY-FOUR URANIUM-BEARING AREAS WERE INCLUDED IN 1976 ASSESSMENT. ONTARIO ACCOUNTS FOR 59 PERCENT OF RESOURCES RECOVERABLE FOR LESS THAN \$60/LB OF URANIUM OXIDE IN MEASURED CATEGORY AND FOR 77 PERCENT AND 80 PERCENT IN INDICATED AND INFERRED CATEGORIES. SASKATCHEWAN ACCOUNTS FOR 37, 21 AND 19 PERCENT RESPECTIVELY. ESTIMATES OF PROGNOSTICATED RESOURCES WERE MADE FOR AREAS FAVORABLE FOR THE OCCURRENCE OF URANIUM DEPOSITS. PROGNOSTICATED RESOURCES, SHOWN IN FOLLOWING TABLE, COMPRISE ESTIMATED TONNAGE OF DEPOSITS WHICH ARE LOCATED BEYOND SPECIFIC BOUNDARIES ESTABLISHED FOR INFERRED RESOURCES:

MINEABLE	TONNES U (FIGURES IN BRACKETS ARE
UNCLASSIFIED	

UNCLASSIFIED

PAGE 03 OTTAWA 06628 01 OF 02 212329Z

IN SHORT TONS U308)

UP TO \$40/LB U308	154 000 (200 000)
\$40 TO \$60/LB U308	195 000 (253 000)

TOTAL	349 000 (453 000)
-------	-------------------

ABOUT 52 PERCENT OF CANADA'S PROGNOSTICATED RESOURCES ARE THOUGHT TO BE LOCATED IN ONTARIO, 34 PERCENT IN SASKATCHEWAN AND 14 PERCENT ELSEWHERE IN CANADA.

4. URANIUM RESOURCE APPRAISAL GROUP'S ANNUAL ASSESSMENT IS ESSENTIAL TO IMPLEMENTATION OF CANADA'S NATIONAL URANIUM POLICY. 1974 POLICY REQUIRES SUFFICIENT URANIUM BE RETAINED IN CANADA FOR 30-YEAR SUPPLY OF NUCLEAR FUELS FOR EXISTING, COMMITTED AND PLANNED REACTORS IN CANADA IN 10-YEAR FORWARD PERIOD. ALLOCATIONS FOR MEETING DOMESTIC REQUIREMENTS HAVE BEEN ASSIGNED TO EACH CANADIAN URANIUM PRODUCER. APPROXIMATELY 21 PERCENT OF ADJUSTED RESERVES OF THESE PRODUCERS WILL BE REQUIRED TO PROVIDE 30-YEAR FUELING REQUIREMENT OF 70,000 TONNES OF URANIUM FOR 16,240 MEGAWATTS OF NUCLEAR CAPACITY EXPECTED TO BE

OPERATING IN CANADA BY 1987.

5. DOMESTIC UTILITIES ARE EXPECTED TO HAVE CONTRACTED FOR 25,900 TONNES OF URANIUM TO PROVIDE A 15-YEAR FUELING REQUIREMENT FOR 11,905 MEGAWATTS OF NUCLEAR GENERATING CAPACITY NOW OPERATING OR COMMITTED FOR CONSTRUCTION.

6. CANADA'S ANNUAL URANIUM PRODUCTION CAPABILITY BASED ON PRESENTLY KNOWN RESOURCES IS EXPECTED TO GROW FROM 6,100 TONNES IN 1977 TO 7,950 TONNES IN 1980 AND TO 12,500

UNCLASSIFIED

NNN

UNCLASSIFIED

PAGE 01 OTTAWA 06628 02 OF 02 212330Z
ACTION EB-07

INFO OCT-01 EUR-12 ISO-00 FEA-01 ERDA-07 AID-05 CEA-01
CIAE-00 COME-00 EPG-02 DODE-00 FPC-01 H-02 INR-07
INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-05 USIA-15
OES-07 SP-02 SS-15 STR-04 TRSE-00 ACDA-10 PA-02
PRS-01 /121 W

-----026483 212336Z /63

R 212316Z JUL 77

FM AMEMBASSY OTTAWA

TO SECSTATE WASHDC 4209

INFO AMCONSUL MONTREAL

ALL CONSULATES IN CANADA BY POUCH

UNCLAS SECTION 02 OF 02 OTTAWA 06628

PASS ERDA FOR SIEVERING

TONNES BY 1984 AND THEN DECLINE SLIGHTLY TO 11,250 TONNES
BY 1990.

7. COPIES OF REPORT POUCHED TO: EUR/CAN, EB/FSE,
DEPARTMENTS OF INTERIOR AND COMMERCE AND FEA. ENDERS

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: URANIUM, PRODUCTION TRENDS
Control Number: n/a
Copy: SINGLE
Sent Date: 21-Jul-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977OTTAWA06628
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770260-0466
Format: TEL
From: OTTAWA
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770733/aaaabcmx.tel
Line Count: 159
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: b0dfea65-c288-dd11-92da-001cc4696bcc
Office: ACTION EB
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 01-Mar-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1790790
Secure: OPEN
Status: NATIVE
Subject: ENERGY: GOC ANNOUNCES SIGNIFICANT INCREASE IN URANIUM RESOURCE ESTIMATES
TAGS: ENRG, EMIN, TGEN, CA
To: STATE MONTREAL
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/b0dfea65-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009